Title (en)
Stent having a closed structure

Title (de)
Stent mit geschlossener Struktur

Title (fr)
Stent à structure fermée

Publication
**EP 1095633 A2 20010502 (DE)**

Application
**EP 00250352 A 20001026**

Priority
DE 19951611 A 19991026

Abstract (en)
The stent (1), and especially for a coronary artery, has a tubular section with openings (8) in a T-shape. The T-shaped openings (8) are arranged around the periphery of the stent with mirror symmetry. The tubular section has a mantle surface (2), where the openings (8) are defined by webs (10,12,18,20) in an S-shape along the longitudinal axis of the tubular section. They are formed from the residual material of the wall of the tubular section, where the openings (8) have been cut out. All the openings (8) have the same dimensions.

Abstract (de)
Die Erfindung betrifft einen Stent, insbesondere einen Koronarstent, mit einem rohrförmigen Abschnitt, wobei in dem rohrförmigen Abschnitt Ausnehmungen vorgesehen sind. Die Erfindung zeichnet sich dadurch aus, daß die in dem rohrförmigen Abschnitt des Stents vorgesehenen Ausnehmungen im wesentlichen T-förmig ausgebildet sind. <IMAGE>

IPC 1-7
**A61F 2/06**

IPC 8 full level
**A61F 2/06** (2006.01); **A61F 2/91** (2013.01); **A61F 2/915** (2013.01)

CPC (source: EP US)
**A61F 2/91** (2013.01 - EP US); **A61F 2/915** (2013.01 - EP US); A61F 2002/91508 (2013.01 - EP US); A61F 2002/91516 (2013.01 - EP US); A61F 2002/91541 (2013.01 - EP US); A61F 2002/91583 (2013.01 - EP US)

Citation (applicant)
- US 4655771 A 19870407 - WALLSTEN HANS I [CH]
- US 5104404 A 19920414 - WOLFF RODNEY G [US]

Cited by
CN113274175A; US7128756B2; US8048142B2; WO2004056291A1

Designated contracting state (EPC)
CH DE FR GB IT LI NL

DOCDB simple family (publication)
**EP 1095633 A2 20010502**; **EP 1095633 A3 20020327**; **EP 1095633 B1 20041229**; DE 19951611 A1 20010510; DE 50009092 D1 20050203; US 6613080 B1 20030902

DOCDB simple family (application)
**EP 00250352 A 20001026**; DE 19951611 A 19991026; DE 50009092 T 20001026; US 69572200 A 20001024